

Specifications

Working Time @ 20°C	Up to 10-15 minutes
Bed Thickness	2-30mm
Approximate Coverage	1.7kg/m ² per 1mm thickness i.e. 4mm thick = 1.7 x 4 = 6.8kg/m ² Therefore 20kg will cover approx: 3m ² (20kg ÷ 6.8)
Strength	Flexural Strength: 1 day = 2.0 N/mm ² / 7 day = 5.0 N/mm ² Compressive Strength: 1 day = 12.0 N/mm ² / 7 day = 28.0 N/mm ²

Suitable For Levelling Over:

- Cement:Sand Screed
- Tile Backer Boards
- Existing Ceramic & Stone Tiles
- Existing Vinyl Tiles
- Anhydrite Screeds
- Concrete Slabs
- Plywood Overlay
- Underfloor Heating
- Floor Grade Asphalt
- Epoxy DPM
- Moisture Stable Adhesives

NX Pro 30 Floor Leveller

Rapid Setting Flooring Underlayment

DESCRIPTION

NX Rapid Pro 30 Floor Leveller is a single-part, ultra-rapid drying & super-smooth floor underlayment with outstanding high early strength. Free from Portland cement, it flows across all surface types. The excellent levelling and flow properties make it ideal for preparing sub floors prior to installing tiles or resilient flooring products and can be finished off to a super-smooth surface finish, that is ideal for use in circumstances where fast access soon after laying is essential. It sets after 30 minutes and will be ready to receive tile fixing after 45 to 60 minutes. Soft floor coverings such as vinyl, laminates & linoleum can be laid on this surface as soon as 90 minutes. The product is also suitable for use on timber floors which must be overlaid with a minimum 15mm to 18mm WBP Class 3 or Marine grade plywood fixed at maximum 300 centres to both joists and existing boards. The plywood should be primed with a neat application of NX Primer, which should be allowed to dry prior to application of the levelling compound. It is essential to ensure that the floor is sufficiently rigid and deflection free to support the additional weight of tiling before commencing.

The excellent levelling and flow properties of the product make it ideal for preparing sub floors prior to fixing all types of soft floor coverings such as carpet, vinyl and timber. This rapid setting product has a setting time of 90 mins at 20°C permitting early foot traffic and fast track tile fixing.

SURFACE PREPARATION

All surfaces should be dry, clean and free from any release agents, which should be mechanically removed. All ground floors should incorporate a damp proof membrane. Dusty or porous surfaces should be primed with NX Primer diluted 1:4 with water. For impervious backgrounds a slurry bonding coat made of 1 part NX Primer and 2 parts NX Rapid Pro 30 Floor Leveller should be applied to the substrate using a soft brush. Once dry the slurry will provide a key coat onto which the Levelling Compound will form a strong bond.

Concrete/Cement: Sand Screed

New concrete floors must be allowed to dry for a minimum of 6 weeks. Residual traces of laitance and curing agents should be mechanically removed before tiling commences. Screeds should be a minimum of 21 days old.

Anhydrite & Hemihydrate (Gypsum) Screeds

These must be cured to their respective manufacturers' directions before tiling can begin. The surface must be free from laitance and primed using progressively stronger coats of NX Primer, first coat applied as diluted 1:1 parts water and allowed to dry. Second Coat applied NEAT and then allowed to dry.

Heated Floors (UFH)

Heating wires & pipes must be securely fixed to a sound consistent substrate. The Floor levelling compound should then be applied at a thickness which allows for a clear depth above the elements of no less than 5mm depth of levelling compound to ensure a smooth even finish will be attained prior to laying the finished decorative or resilient surface. Always allow at least three weeks before the heating system is switched on at the lowest setting and then only raise the temperature progressively by 5°C over the following week.

Vinyl Tiles / Asphalt

Must be sound & in good condition. Prime with undiluted NX Primer & allow to dry.

Existing Glazed Tiles

Must be well fixed and able to support the additional weight of tiling. Thoroughly clean and degrease & allow to dry before brush applying a slurry bonding coat consisting of 2 parts adhesive to 1 part NX Primer. Allow to dry.

Plywood Overlay On Existing Timber Floors (WBP/Marine Grade)**

All sheets should be a minimum of 15-18mm thick and be screwed down to existing boards and joists with staggered joints at 300mm centres and 150mm centres along board edges. The sheets must be sealed on the back, face and edges with NX Primer. All timber constructions must be adequately ventilated behind to prevent atmospheric moisture distortion and warpage of the boards themselves.

**In wet areas or those with intermittent wetting such as showers, moisture sensitive backgrounds such as plaster should be tanked using a suitable tanking membrane

Note: When applying this product over any other floor type not specified above, please consult the Palace Technical department on 0151 336 9104 for advice specific to the floor surface, board type or UFH system the product is intended to be applied over. It is not advised to apply floor leveller over any "non-standard" flooring substrate or UFH system without checking its compatibility in advance.

SETTING OUT

To gauge the floor to be levelled use a 2m straight edge and rotate through 360° noting where any gaps are present between the base and straightedge. Any gaps above 3mm should be chalk marked. In the case of more serious deviations in levels, countersunk screws should be drilled and plugged into the floor

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at 500mm centres. The screws can be lined up and adjusted to the correct height by placing the straightedge and spirit level across them to achieve plumb markers up to which the compound can be screeded.

MIXING

In to a clean bucket add 4.0 to 4.4 litres of clean water and slowly add the 20kg of NX Rapid Pro 30 Floor Leveller. Mix with a rotary drill paddle to form a creamy lump free consistency.

APPLICATION

Pour the compound onto the floor and trowel out to the desired depth. The product is self smoothing. The compound has a pot life of approximately 20 minutes which will be reduced at high temperatures and extended in cool conditions. **Note!** Do not mix or apply this adhesive when air or ground temperatures are forecast to be below 5°C or greater than 35°C at any time during the first 24 hours after application.

Ceramic/Porcelain tiles can be laid as soon as the product supports weight, i.e. after approximately 45 minutes and soft floor coverings after 90 minutes.

*Always allow at least three weeks before the heating system is switched on at the lowest setting and then brought up to operating temperature at a rate of 5°C over the following week.

COVERAGE

NX Rapid Pro 30 Floor Leveller mixed with 4.0 to 4.4 litres of water will cover approximately 1.7kg/m² per 1mm thickness, i.e. 4mm thick = 1.7 x 4 = 6.8kg/m², therefore a 20kg bag will cover approximately 3m² (20/6.8).

STORAGE

Store in dry internal conditions away from direct sunlight between 5-35°C. The product has a 12 month shelf life from date of manufacture.

TECHNICAL ADVICE

For advice on tile installation products call the Palace Chemicals Technical Helpline on 0151 336 9104.



Causes Serious Eye Irritation

Wash thoroughly after handling. Keep out of reach of children. Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing. If eye irritation persists: Get medical advice/attention.

UFI: DU20-K0F9-G00D-70D7

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REFER TO PRODUCT AND SAFETY DATA SHEET FOR FULL DETAILS.



MADE IN THE UK

NX Pro 30 Floor Leveller

Rapid Setting Flooring Underlayment

		
Palace Chemicals Ltd, Speke Hall Industrial Estate, Speke, Liverpool, L24 1YA		
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DoP - 82-99		
EN 13813:2002 - CT C30:F7 Cementitious screed material not intended as a wearing surface, for use internally in buildings		
Release of corrosive substances - CT		
Compressive strength	C 30	
Flexural strength	F7	
Abrasion resistance	NPD	
Reaction to fire	NPD	

BEIGE
WEB LINK

